

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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basic imagery interpretation report

# Sary-Shagan Missile Complex SAM Training Facility D19-10

MISSILE RANGES: SAM/AAM FACILITIES

USSR



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WNINTEL

Z-14618/82  
RCA-19/0002/82  
NOVEMBER 1982  
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INSTALLATION OR ACTIVITY NAME					COUNTRY
Sary-Shagan Missile Complex SAM Training Facility D19-10					UR
UTM COORDINATES	GEOGRAPHIC COORDINATES	CATEGORY	BE NO.	COMIREX NO.	NIETB NO.
NA	45-37-22N 072-33-30E				
MAP REFERENCE					
ACIC. USATC, Series 200, Sheet 0245-14, scale 1:200,000					
LATEST IMAGERY USED			NEGATION DATE (If required)		
			NA		

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**ABSTRACT**

1. (S/WN) This report provides imagery-derived information on Sary-Shagan Missile Complex SAM Training Facility D19-10 obtained between August 1979 and August 1982. Facility D19-10 is part of Launch Complex E, Sary-Shagan Missile Test Center [REDACTED] Launch Complex E is used for crew training on strategic surface-to-air missiles (SAMs).

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2. (S/WN) The information in this report is based on imagery acquired since the publication of DIA report [REDACTED] and includes brief facility descriptions, two line drawings, and one photograph.

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**BASIC DESCRIPTION**

3. (S/WN) Launch Complex E (Figure 1), of which Facility D19-10 is a part, is the crew training complex for strategic SAM systems, including the SA-2, SA-3, SA-5, and most recently, the SA-10. The complex, 50 nautical miles southwest of the Sary-Shagan Operations Support Base [REDACTED] consists of seven SA-2 sites, five SA-3 sites, one SA-5 complex, one SA-10 complex (converted from an SA-5), three radar facilities, a static display and air warning site, a bivouac area, a training/support facility, and a dirt airfield.

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4. (S/WN) Facility D19-10 originally was designated Sary-Shagan Missile Complex SAM Training Facility D19-5 and was a three-site SA-5 launch complex used for crew training. Between late 1979 and late 1981, the complex was converted in stages to an SA-10 complex. Accordingly, the facility name has been changed to Sary-Shagan Missile Complex SAM Training Facility D19-10.

5. (S/WN) Launch site B of Facility D19-10 (Figure 2) was converted to an SA-10 site between August and December 1979,<sup>1</sup> and SA-10 missile crews trained there between October and December 1979. During 1980 and most of 1981, site B was inactive, while SA-5 crew training continued at launch sites A and C. Between [REDACTED] the launch revetments at site B were further modified, and SA-5 launch site C was converted to an SA-10 site (Figure 3). Launch site A was not converted, but all SA-5 missile equipment at the site had been removed. During the same time period, all SA-5 missile radars and equipment were removed from the complex tracking and guidance area and replaced by an SH-EL-03 acquisition radar. On [REDACTED] SA-10 missile equipment was deployed in the new revetments at sites B and C. Since then, SA-10 training has been continuing at these sites.

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**SECRET****REFERENCES****IMAGERY**

(S/WN) All applicable satellite imagery acquired from August 1979 through [ ] was used in the preparation of this report. 25X1

**MAPS OR CHARTS**

ACIC. US Air Target Chart, Series 200, Sheet 0245-14, scale 1:200,000 (UNCLASSIFIED)

**DOCUMENT**

1. NPIC. [ ] IAR-0115/79, *SA-X-10 Training Site, Sary-Shagan Missile Test Center, USSR (S)*, Dec 79 25X1  
(TOP SECRET [ ]) 25X1

**RELATED DOCUMENT**

DIA. [ ] DST-1070S-310-80-SAO, *The Sary-Shagan Missile Test Range (U)*, Dec 80 (TOP SECRET) 25X1  
[ ] 25X1

\*Extracted information is classified SECRET. [ ] 25X1

**REQUIREMENT**

COMIREX T99  
Project 542028T

(S) Comments and queries regarding this report are welcome. They may be directed to [ ] Soviet 25X1  
Strategic Forces Division, Imagery Exploitation Group, NPIC, [ ] 25X1

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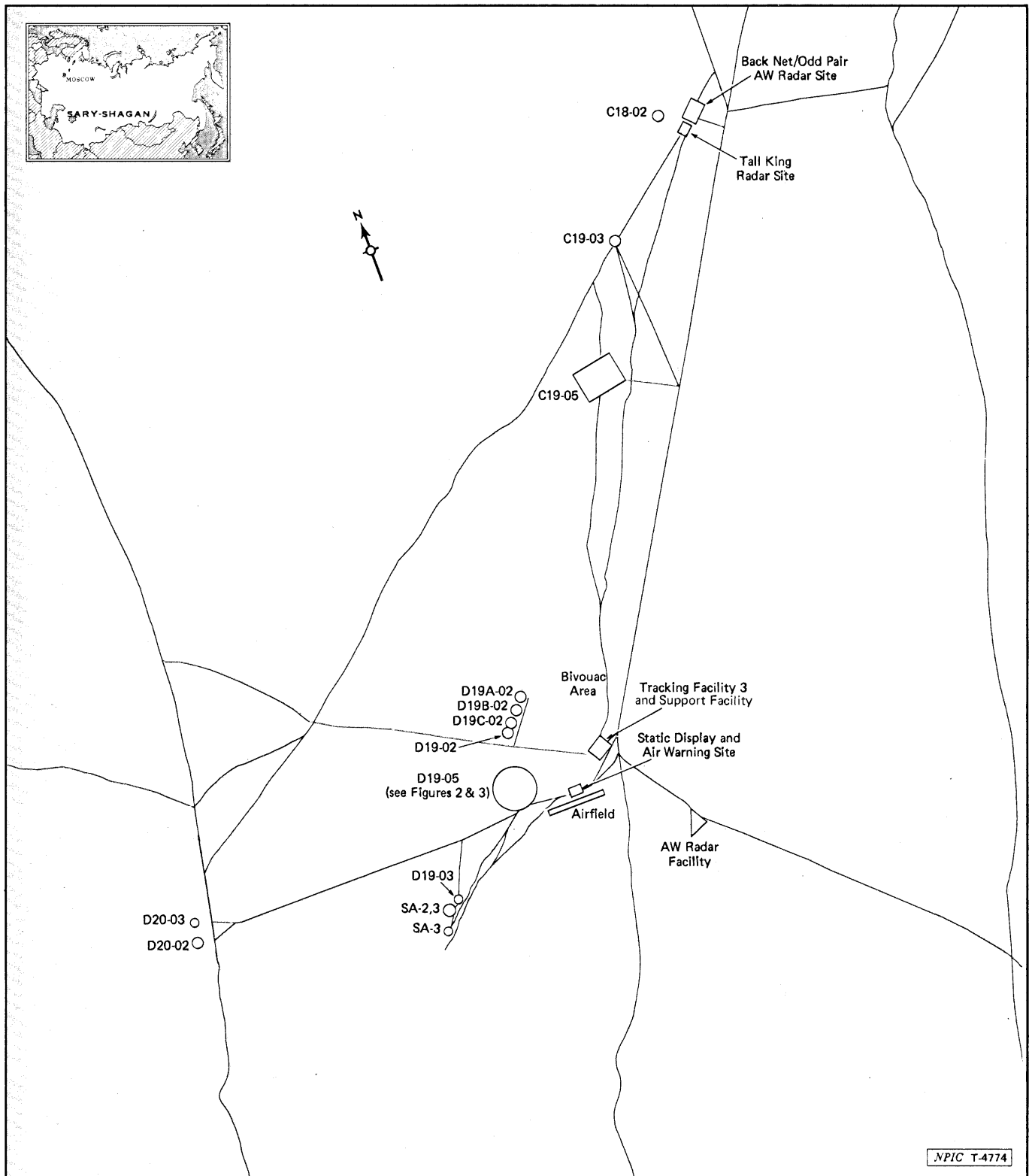


FIGURE 1. LINE DRAWING OF LAUNCH COMPLEX E

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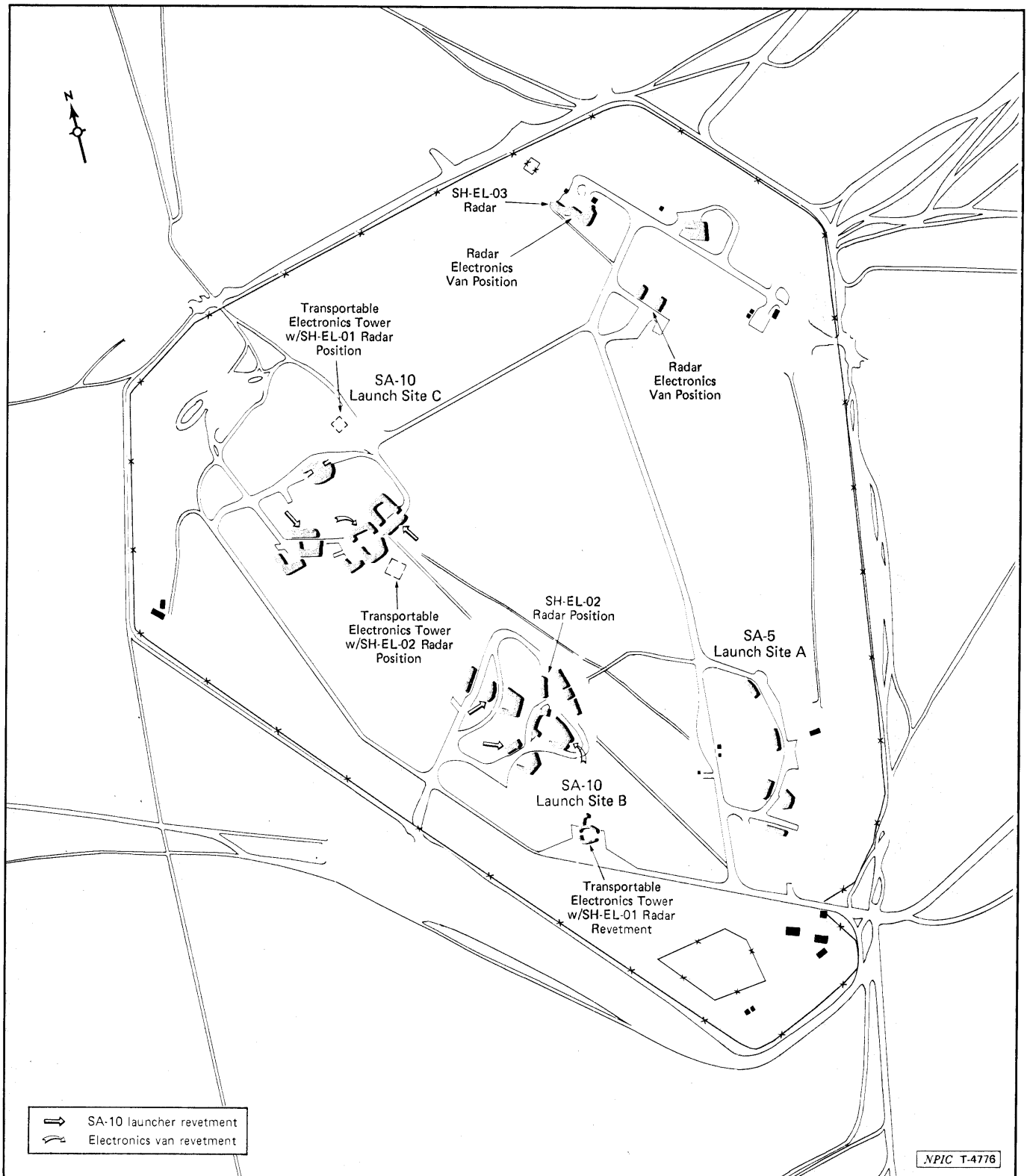


FIGURE 3. LINE DRAWING OF FACILITY D19-10 AFTER

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